

SYM-5 Cont.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Robert E. Beach et al.  
Application No.: Not Yet Known  
Filed : Herewith  
For : VOICE AND DATA WIRELESS COMMUNICATIONS  
NETWORK AND METHOD



#2

Hon. Commissioner for Patents  
P.O. Box 2327  
Arlington V.A. 22202

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following references:

U.S. Patents

de Couasnon et al. U.S. Patent 4,168,400 (9/18/79)  
Hasegawa U.S. Patent 4,500,987 (2/19/85)  
Tobagi et al. U.S. Patent 4,503,553 (3/5/85)  
Wah et al. U.S. Patent 4,630,264 (12/16/86)  
Tymes U.S. Patent 5,029,183 (7/2/91)  
Tymes U.S. Patent 5,103,461 (4/7/92)  
Tymes U.S. Patent 5,142,550 (8/25/92)  
Tymes U.S. Patent 5,157,687 (10/20/92)  
Hluchyj et al. U.S. Patent 5,231,633 (7/27/93)  
Tymes et al. U.S. Patent 5,280,498 (1/18/94)  
Diepstraten et al. U.S. Patent 5,329,531 (7/12/94)  
Reyes et al. U.S. Patent 5,418,812 (5/23/95)  
Tymes et al. U.S. Patent 5,479,441 (12/26/95)  
Lund et al. U.S. Patent 5,517,495 (5/14/96)

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Heiman et al. U.S. Patent 5,528,621 (6/18/96)  
Tymes et al. U.S. Patent 5,668,803 (9/16/97)  
Sealand et al. U.S. Patent 5,812,589 (9/22/98)  
Pinard et al. U.S. Patent 5,815,811 (9/29/98)  
Hong et al. U.S. Patent 5,844,900 (12/1/98)  
Tikalsky U.S. Patent 5,875,179 (2/23/99)  
Tate et al. U.S. Patent 5,933,607 (8/3/99)  
Krishnakumar et al. U.S. Patent 5,982,779 (11/9/99)  
Brown et al. U.S. Patent 6,011,784 (1/4/00)  
Wright et al. U.S. Patent 6,078,568 (6/20/00)  
Trompower et al. U.S. Patent 6,088,591 (7/11/00)  
Wright et al. U.S. Patent 6,240,083 B1 (5/29/01)  
Adachi U.S. Patent 6,256,334 B1 (7/3/01)  
Watanabe et el. U.S. Patent 6,285,662 B1 (9/4/01)

#### Foreign Patents

PCT Patent WO 99/11003 (3/4/99)

#### Publication

Geier, Jim, "Wireless Lans Implementing Interoperable Networks," Chapter 3 (pages 89-125) Chapter 4 (pages 129-157) Chapter 5 (pages 159-189) and Chapter 6 (pages 193-234), 1999, United States.

Petrick, A., "Enhancements to the IEEE 802.11 MAC Layer," IEEE 802.11 (Submission), Slides 1-8 (July, 1999).

Gubbi, R., Dr., "Tutorial: Efficient Scheduling Overlay for 802.11b MAC," IEEE P802.11 (Presentation), Slides 1-5 (November, 1999).


Godfrey, T., "Meetings at the 802.11 November 1999 Plenary," IEEE 802.11 (Submission), pages 2-13 (November, 1999).

These references which are listed on the accompanying Form PTO-1449 (submitted in duplicate), were either cited by or submitted to the Patent Office in application Serial No. 09/627,092 from which the present application claims priority under 35 U.S.C. §120. Pursuant to

C.F.R. 1.98(d), no copies of the references are being provided herewith.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,

  
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FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SYM-5 Cont.	APPLICATION NO. Not Yet Known
	APPLICANTS Robert E. Beach et al.	CONFIRMATION NO.
	FILING DATE Herewith	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,168,400	9/18/79	de Couasnon et al.	179	15	
	4,500,987	2/19/85	Hasegawa	370	60	
	4,503,533	3/5/85	Tobagi et al.	370	85	
	4,630,264	12/16/86	Wah et al.	370	85	
	5,029,183	7/2/91	Tymes	375	1	
	5,103,461	4/7/92	Tymes	375	1	
	5,142,550	8/25/92	Tymes	375	1	
	5,157,687	10/20/92	Tymes	375	1	
	5,231,633	7/27/93	Hluchyj et al.	370	94.1	
	5,280,498	1/18/94	Tymes et al.	375	1	
	5,329,531	7/12/94	Diepstraten et al.	370	94.2	
	5,418,812	5/23/95	Reyes et al.	375	1	
	5,479,441	12/26/95	Tymes et al.	375	200	
	5,517,495	5/14/96	Lund	370	60	
	5,528,621	6/18/96	Heiman et al.	375	200	
	5,668,803	9/16/97	Tymes et al.	370	312	
	5,812,589	9/22/98	Sealand et al.	375	200	
	5,815,811	9/29/98	Pinard et al.	455	434	
	5,844,900	12/1/98	Hong et al.	370	342	
	5,875,179	2/23/99	Tikalsky	370	315	
	5,933,607	8/3/99	Tate et al.	395	200.7	
	5,982,779	11/9/99	Krishnakumar et al.	370	447	
	6,011,784	1/4/00	Brown et al.	370	329	
	6,078,568	6/20/00	Wright et al.	370	312	
	6,088,591	7/11/00	Trompower et al.	455	438	
	6,240,083 B1	5/29/01	Wright et al.	370	348	
	6,256,334 B1	7/3/01	Adachi	375	132	
	6,285,662 B1	9/4/01	Watanabe et al.	370	280	

EXAMINER

DATE CONSIDERED

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# FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 99/11003	3/4/99	PCT	H04J	3/14		

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Geier, Jim, "Wireless Lans Implementing Interoperable Networks," Chapter 3 (pages 89-125) Chapter 4 (pages 129-157) Chapter 5 (pages 159-189) and Chapter 6 (pages 193-234), 1999, United States.
	Petrack, A., "Enhancements to the IEEE 802.11 MAC Layer," IEEE 802.11 (Submission), Slides 1-8 (July, 1999).
	Gubbi, R., Dr., "Tutorial: Efficient Scheduling Overlay for 802.11b MAC," IEEE P802.11 (Presentation), Slides 1-5 (November, 1999).
	Godfrey, T., "Meetings at the 802.11 November 1999 Plenary," IEEE 802.11 (Submission), pages 2-13 (November, 1999).

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